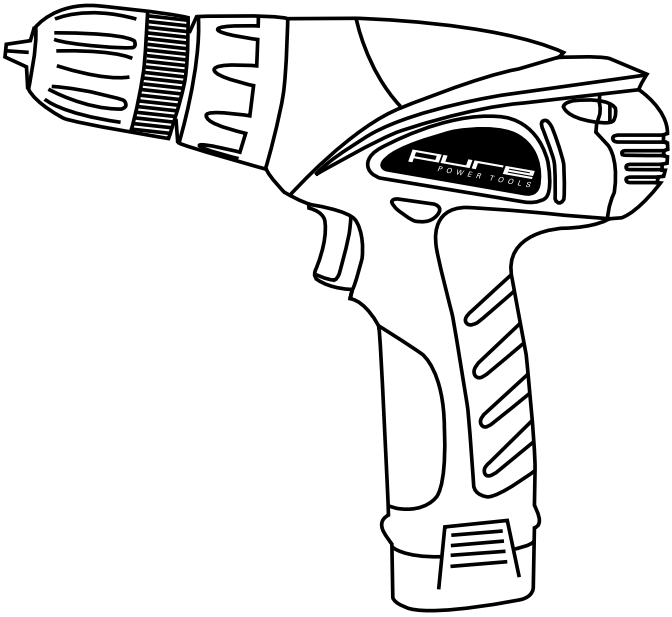
PURE POWER TOOLS

10.8V Li-ION
Compact Drill / Driver

Original Instructions

Read instructions before operating this tool.



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PURE RANGE - DRILL/DRIVER

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EC - DECLARATION OF CONFORMITY

We, the importer
Evolution Power Tools Ltd.
Venture One
Longacre Close
Sheffield
S20 3FR

Declare that the product

Part numbers: PUREDRIVER10
Evolution: Pure 10.8V Li-ION Cordless Drill/Driver

Complies with the essential requirements of the following European Directives:

2006/42/EC – Machine Directive
2006/95/EC – Low Voltage Directive
2004/108/EC – EMC Directive
2002/95/EC – Restriction of the use of Certain Hazardous Substances in Electrical and Electric Equipment

Standards and Technical specifications referred to:-
EN 60745-1 : 2006
EN 60745-2-1+ ALL : 2007
EN 61000-6-3 : 2007
EN 55014 - : 2006
EN 55014-2+ALL:2001

All documentation is held on file at the above address and is available, on request for review.

Authorised Signatory
Date: 1/8/2010

Name: Mr Matthew J Gavins
Position: Managing Director
Year of Manufacture: 2010

IMPORTANT
Please read these operating and safety instructions carefully and completely. For your own safety, before using this equipment check that the voltage is correct and that all handles and parts are firmly secured. If you are uncertain about any aspect of using this equipment, please contact our Technical Helpline.

Technical Helpline UK 0870 609 2297
Technical Helpline USA 1-866-EVO-TOOL

PURE COMPACT 10.8V Li-ION DRILL/DRIVER

Congratulations on your purchase of an Evolution Power Tools Pure 10.8V Compact Drill/Driver. Please complete your product registration on line to validate your machine's warranty period and ensure prompt service if needed. We sincerely thank you for selecting a product from Evolution Power Tools.

12 MONTH LIMITED WARRANTY.

Evolution power tools reserves the right to make improvements and modifications to design without prior notice.

Evolution Power Tools will, within twelve (12) months from the original date of purchase, repair or replace any goods found to be defective in materials or workmanship. This warranty is void if the tool being returned has been used to drill / chisel materials beyond the recommendations in the Instruction Manual or if the drill has been damaged by accident, neglect, or improper service. This warranty does not apply to machines and / or components which have been altered, changed, or modified in any way, or subjected to use beyond recommended capacities and specifications. Electrical components are subject to respective manufacturers' warranties. All goods returned defective shall be returned prepaid freight to Evolution Power Tools. Evolution Power Tools reserves the right to optionally repair or replace it with the same or equivalent item. There is no warranty – written or verbal – for drill bits. In no event shall Evolution Power Tools be liable for loss or damage resulting directly or indirectly from the use of our merchandise or from any other cause. Evolution Power Tools is not liable for any costs incurred on such goods or consequential damages. No officer, employee or agent of Evolution Power Tools is authorised to make oral representations of fitness or to waive any

of the foregoing terms of sale and none shall be binding on Evolution Power Tools. Questions relating to this limited warranty should be directed to the company's head office, or call the appropriate Helpline number.

GENERAL SAFETY RULES
WARNING

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.
Please read all of these instructions before attempting to operate this machine. Save this manual for future reference

1. Keep work area clear. Cluttered work areas invite accidents.
2. Consider work area environment. Do not expose tools to rain. Do not use tools in damp or wet locations. Keep work area well lit. Never use tools near flammable liquids or gases.

3. Protect yourself against electric shock. Avoid body contact with earthed or grounded surfaces.

4. Keep other people away. Do not let others, especially children, come close to the work, and touch the tool or the extension lead. Keep them away from the work area.

5. Store idle tools. When not in use, tools should be stored in a dry locked-up place, out of children's reach.

6. Never force the tools. Your tools will be more efficient and safer when used at the rate for which they were intended.

7. Use the right tool. Do not force small tools to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs.

8. Dress properly. Do not wear loose clothing or jewellery which may get caught in moving parts. Non-skid footwear is recommended when working outdoors. If you have long hair, tie it back and wear protective hair covering.

9. Use protective equipment. Use safety glasses. Use face or dust mask if cutting operations create dust.

10. Connect dust extraction equipment. If the machines have a connection for dust extraction equipment, ensure these are connected and properly used.

11. Do not damage the cable. Never pull the power cable to disconnect the machine. Keep the cable away from heat, oil and sharp edges.

12. Secure workpiece. Where possible, use clamps or a vice to hold the workpiece. It's much safer than using your hands.

13. Don't over reach. Keep proper footing and balance at all times.

14. Maintain tools in good working condition. Keep cutting tools sharp and clean for better performance and optimum safety. Follow instructions for lubricating and changing accessories. Inspect power cables regularly and, if damaged, have them replaced by an authorised service centre. Inspect extension cables regularly and replace immediately if damaged. Keep handles dry, clean and free from oil and grease at all times.

15. Disconnect tools. Disconnect tools from the power supply when not in use, before any maintenance operation and when changing accessories such as blades, bits, cutters, etc.

16. Remove adjusting keys and spanners. Get into the habit of checking that adjusting keys and spanners have been removed from the machine before turning it on.

17. Avoid unintentional starting. Ensure switch is in "off" position before plugging in the machine.

18. Use proper extension leads. When the tool is used outdoors, use only extension leads intended for outdoor use and labelled as such.

19. Stay alert. Concentrate on what you are doing, use common sense and do not operate the tool when you are tired.

20. Check that no part is damaged. Before using a tool, make sure that it is in good working order. Check the alignment and condition of moving parts, mounting and any other aspect that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre unless otherwise indicated in this instruction manual. Do not use the tool if the switch does not turn on and off.

21. Warning. The use of any accessory or attachment other than one recommended in this instruction manual may present a risk of personal injury.

22. Have your tool repaired at an authorised service centre. This electric tool complies with current safety rules. Repairs should only be carried out by an authorised service centre using original spare parts. Failing this, the user could expose themselves to considerable danger.

HEALTH ADVICE

Warning! When drilling, sanding, sawing or grinding, dust particles will be produced. In some instances, depending on the materials you are working with, this dust can be particularly harmful to you (e.g. lead from old gloss paint).You are advised to consider the risks associated with the materials you are working with and to reduce the risk of exposure.

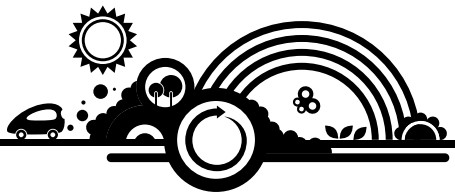
You should:

-Work in a well-ventilated area.
-Work with approved safety equipment, such as dust masks that are specially designed to filter microscopic particles.

ADDITIONAL SAFETY RULES FOR YOUR MULTI-PURPOSE TOOL

1. Do not expose to rain or water.
2. Do not drop, shake or strike the battery.
3. Wear hearing protection when necessary. Exposure to noise can cause hearing loss.
4. Cutting/scraping blades and accessories can become very hot. Take care when changing or handling any bits or accessories.
3. Recharge the battery only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
4. Use this power tool only with specially designated battery packs. Use of any other battery packs may create a risk of injury and fire.
5. When the battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
6. Under extreme conditions electrolyte may be leak from the battery. If contact accidentally occurs, flush your skin with water. If electrolyte contacts your eyes, additionally seek medical help. Electrolyte from the battery may cause irritation or burns.
7. Hold the tool by the insulated gripping surfaces, especially when performing an operation where the cutting bit may contact hidden wiring. If the cutting tool contacts a 'live' wire, exposed metal parts of the power tool could become 'live' and give the operator an electric shock.
8. If possible, use clamps or a vice to hold your work.
9. When drilling into walls, floors or similar areas, make sure, as far as possible, that there are no services (gas or water pipes, electric cables etc) in the path of the drill bit. Striking hidden services could cause injury to the user and damage to the property.

Symbol	Description
V	Volts
A	Amperes
Hz	Hertz
Min^{-1}	Speed
~	Alternating Current
No	No Load Speed
	Double Insulated
	Wear Safety Goggles
	Wear Ear Protection



Annotated photograph of Drill Driver

1. KEYLESS CHUCK
2. TORQUE ADJUSTMENT RING
3. FORWARD/REVERSE SELECTION LEVER
4. SOFT GRIP HANDLE
5. ON/OFF TRIGGER SWITCH
6. LED LIGHT
7. INSERTED BATTERY PACK
8. BATTERY PACK LOCKING TAB

WARNING
This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the safe use of the machine by a person responsible for their safety.

Children should be supervised to ensure that they do not have access to, and are not allowed to play with, this machine.

SAFETY LABELS & SYMBOLS
WARNING!

Do not operate machine if warning and / or instruction labels are missing or damaged. Contact Evolution Power Tools for replacement labels.

SPECIFICATION
PURE BATTERY DRILL/DRIVER

Voltage:	10.8V-DC
No Load Speed:	0-500 min-1
Max. Torque:	10Nm
Torque settings;	24 positions
Chuck Capacity:	10 mm

Noise and Vibration Data

Sound Pressure:	L_{PA}	62.2dB(A) K=3dB
Sound Power:	L_{WrraA}	73.2dB(A) K=3dB

Vibration: 1.394 m/s^2 K = 1.5 m/s^2

The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another.

The declared vibration total value may also be used in a preliminary assessment of exposure.

WARNING: The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used. The need to identify safety measures and to protect the operator are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle, such as the times the tool is switched off, when it is running idle, in addition to trigger time)

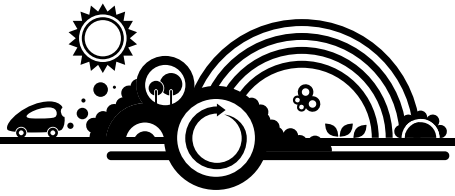
OPERATING INSTRUCTIONS
Note: Before using this tool, read the instruction manual carefully.

BEFORE USE
A Battery Pack must be inserted into the tool as detailed below. It is important that the Battery Pack is of the designated type recommended for this machine. Newly purchased Battery Packs do not come fully charged. Please refer to the PURE CHARGER MANUAL for full details on how to charge the Battery Pack for this machine

1. INSTALLING OR
REMOVING THE BATTERY PACK

Check that the battery pack is of the designated type for this machine. We recommend that the slide switch is locked in the OFF position when removing or inserting the Battery Pack. Refer to section 2 below.

a. Slide the Battery Pack into the base of the tools handle. The Battery can only fit one way round.
b. Gently push the Battery Pack fully into the tools handle to engage the locking tabs. The electrical connections inside the handle will be made automatically.



c. To remove the Battery Pack, simply press the two locking tabs with your finger and thumb and withdraw the Battery Pack from the handle.

2. ON/OFF TRIGGER SWITCH

This tool is fitted with a variable speed trigger switch that delivers higher speed and torque as the trigger pressure is increased. The trigger switch is also fitted with a brake function which stops the chuck immediately when you quickly release the trigger.

3. TRIGGER SWITCH LOCK

To lock the trigger switch in the OFF position, slide the forward/reverse selection control to its central position.

4. FORWARD/REVERSE SELECTION

For drilling and screw driving use the forward rotation marked □ on the selection lever. Push the lever fully to the right.

For reverse rotation, necessary when removing screws etc, push the selection lever fully to the left. Marked □ on the selection lever.Only operate the selection lever when the drill is at a complete stop.

5. CHUCK OPERATION

This drill is equipped with a self centering three jawed keyless chuck.

a. To open the chuck jaws, rotate the front section of the chuck.

b. Insert the required drill bit or screwdriver bit into the open chuck jaws and rotate the front section of the chuck in the opposite direction to close the jaws around the bit

c. Hold the rear section of the chuck, and rotate the front section of the chuck firmly to secure the drill/screwdriver bit into the chuck.

d. Rotate the chuck by hand to check that the bit is centrally located in the chuck.

6. TORQUE ADJUSTMENT

Torque is the rotary force that the drill can deliver. This drill has a 24 position torque adjustment ring.The higher the number the torque adjustment ring is set at, the greater the torque delivered by the drill.

For guidance:

1-4 for driving small screws

5-9 for driving screws into soft material

10-15 for driving screws into soft and hard materialsfor sustained heavy drilling (maximum torque)We recommend that the operator trials any torque application by starting with a low setting. Progressively increase the torque setting until the desired outcome is achieved.

7. THE LED LIGHT

The LED light works automatically when the trigger switch is depressed. This feature is useful when using the drill in lowlight situations.

8. DRILLING METAL

1. For maximum performance, use High Speed Steel (HSS) drill bits for metal or steel drilling.

2. Use a centre punch to mark the hole location on the workpiece.

3. Turn the torque adjustment ring to a suitable setting.

4. Secure the workpiece in a vice or other clamp if practicable before operation.

5. Begin drilling at a low speed to prevent the bit from slipping out of the centre punch indentation.

6. Maintain a speed and pressure which allows efficient cutting without overheating the bit. Applying too much pressure could overheat the drill bit, and lead to premature wear of the machines bearing etc.

7. When drilling large holes in metal, it is recommended that s small 'pilot' hole be drilled first, and then enlarged with the required bit. Lubrication of the bit with an appropriate cutting lubricant can improve drilling action and increase bit life.

9. DRILLING WOOD

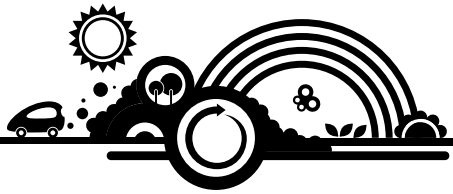
1. For maximum performance, use High Speed Steel (HSS) drill bits for wood drilling.
2. Turn the torque adjustment ring to a suitable setting.
3. Secure the workpiece to prevent it from moving when drilling.
4. Begin drilling at a low speed to prevent the bit from slipping from the starting point. Increase the speed as the drill bites into the material.
5. When drilling through holes, place a block of wood behind the workpiece to prevent ragged or splintered edges on the back side of the hole.

10. MAINTENANCE

Your drill requires no additional lubrication or maintenance. There are no user serviceable parts in your power drill. Keep the tool clean, but do not use chemical cleaners which may damage the plastic parts. Clean with a dry cloth. Ensure that the motor ventilation slots are kept clean.

ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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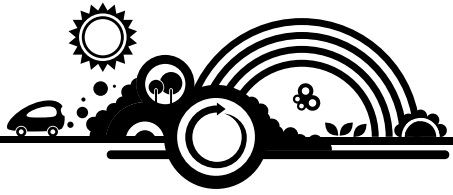

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